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The Secretary reported that the total membership was now 192, twenty-seven being life-members.

A paper "On the Physical Appearance of Jupiter in 1889," was read by Mr. KEELER, and illustrated by numerous drawings. This was followed by an explanation of the method used for the electrical control of the driving-clock of the great telescope of the Lick Observatory.

The Chair announced that the Board of Directors had, with the consent of Mr. MONTGOMERY, determined to use $1000 of the MONTGOMERY FUND for the purchase of a library, to be known as the ALEXANDER MONTGOMERY Library of the Astronomical Society of the Pacific, and to devote the income of the remaining $1500 to preserving and enlarging the library.

The Society then adjourned to meet March 29, 1890, in its rooms in San Francisco.

CHARLES BURCKHALTER, *Secretary.*

ADDENDUM.—SOLAR ECLIPSE OF DECEMBER 21, 1889.

A telegram from the Lick Observatory Eclipse party recites that the following negatives were secured:

4 with 6½-inch CLARK objective;
5 with 6-inch DALLMEYER objective;
4 with 18-inch SCHAEBERLE reflector;
2 with small camera, just after III contact.

Several of these plates were standardized, in order that measures of the photographic brightness of the corona might be made. The corona was similar in general character to that of January, 1889, only "more extended." It would appear from this expression that the coronal extension, first photographed at the California eclipse, has been again photographed in South America. The negatives have not yet reached the Lick Observatory. E. S. H.

MOUNT HAMILTON, January 31, 1890.